

# EPODUR<sup>®</sup> RM

2-component solvent-free, thixotropic, epoxy adhesive and repair mortar

## Product Description

EPODUR<sup>®</sup> RM is a solvent-free, thixotropic 2-component epoxy adhesive and repair mortar 2. It can be used on concrete, steel, ceramics, iron, aluminum, wood, glass and so on. EPODUR<sup>®</sup> RM is grey-coloured and different colours are available.

## Advantages & Features

- High thixotropy, non sag.
- High strength, excellent compressive and flexural properties.
- Easy to apply.
- Strong bonding ability.

## Product Uses

- Crack and surface sealing.
- Repair of concrete structures such as aircraft runways, highway bridges, etc.
- Blow hole filling.

## Product Properties

PROPERTY	TYPICAL VALUE	REQUIREMENT	TEST STD	EQV. STD
Mix Ratio	2:1 by weight			
Density (g/cm <sup>3</sup> )	1.84 [part A]	1.80 ± 0.05	GB/T 13354	ASTM D1875:1980
	1.73 [part B]			
Tensile strength (MPa)	12.72	≥7	GB 50728-2011 Appendix E	
Flexural strength (MPa)	46.5	≥12	GB 50728-2011 Appendix S	
Compress strength (MPa)	120	≥40	GB/T 17671-2021	
Compress strength (MPa)	144.6	≥55	GB/T 17671-2021	
Concrete bonding strength (MPa)	3.1, concrete failure	≥2.5 concrete failure	GB 50728-2011 Appendix G	
Pot life (min)	30			

## Installation

- Application temperature: +5°C to +45°C.
- All surfaces must be clean, free from standing water and all loosely adhering particles. Cement laitance should be removed by mechanical means.
- Mix both components together for at least 3 minutes with a mixing paddle attached to a slow speed electric drill (max. 500 r.p.m.) until a smooth consistency and an even grey colour of the mixture is obtained.
- When using as a thin film adhesive, apply the mixed adhesive to the surfaces with a trowel spatula or glove protected hand. When applying as a repair mortar, take into account any formwork that may be required on damp surfaces ensure that the material is well rubbed in.

## Limitations of use

- Do not apply outdoors when it is raining or snowing.
- The surface must be clean and free from grease and water.

## Storage and Shelf life

- 12 months when stored in unopened packages in a cool and dry storage place at temperatures between 5 to 25°C, humidity between 30% and 70%.
- Keep the product out of the reach of children and pets. To prevent contamination of unused product, do not return any material to its original container.

## Packaging

EPODUR<sup>®</sup> RM is supplied in a 30kg kit, the resin is in a 20kg pail and the hardener in a 10kg pail.

## Safety and Handling

- Keep out of reach of children. Before operation, please carefully read the specifications of products and material, and instructions on the package of container.
- For more information about safety, please refer to the MSDS.

## North America customer service: 1-877-4AD-MIX (1-877-423-6491)

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

EPODUR® RM is a trademark, which may be registered in the United States and/or other countries, of GCP Applied Technologies Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2017 GCP Applied Technologies Inc. All rights reserved.

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Alpharetta, GA 30009, USA

GCP Australia Pty. Ltd., 14 Colebard Street West, Archerfield, Brisbane, Queensland 4108, Australia

This document is only current as of the last updated date stated below and is valid only for use in Australia. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on [www.gcpat.com.au](http://www.gcpat.com.au). Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2026-04-22

[gcpat.com.au/solutions/products/epodur-rm](http://gcpat.com.au/solutions/products/epodur-rm)